Practice Question Automation Testing of Website

Logintest.java

```java
package test2;
import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;
public class Logintest {
      public static void main(String args[]) throws InterruptedException {
            WebDriver driver = new ChromeDriver();
            String
url="File:///C:\\Users\\Swaroop\\Desktop\\EclipseWorkspace\\SeleniumSetup\\sr
c\\main\\resources\\login.html";
            driver.get(url);
            driver.findElement(By.id("username")).sendKeys("admin");
            driver.findElement(By.id("password")).sendKeys("admin01");

driver.findElement(By.xpath("/html/body/form/input[3]")).click();
            Alert alert = driver.switchTo().alert();
            System.out.println(alert.getText());
            Thread.sleep(10000);
            alert.accept();

//switching to the register tab
            driver.switchTo().newWindow(WindowType.TAB);

driver.navigate().to("File:///C:\\Users\\Swaroop\\Desktop\\EclipseWorkspace\\
SeleniumSetup\\src\\main\\resources\\register.html");


      }
}
```

Login.html

```html
<!DOCTYPE html>
<html>
<head>
<title>Login</title>
<script>
function login() {
var username = document.getElementById("username").value;
var password = document.getElementById("password").value;
if (username === "admin" && password === "admin01") {
alert("Login successful!");
} else {
alert("Invalid username or password.");
}
}
</script>
</head>
```

```html
<body>
<h1>Login</h1>
<form>
<!-- Login form fields -->
<label for="username">Username:</label>
<input type="text" id="username" name="username" required><br><br>
<label for="password">Password:</label>
<input type="password" id="password" name="password" required><br><br>
<input type="button" value="Login" onclick="login()">
</form>
<p>Don't have an account? <a href="register.html">Register</a></p>
</body>
</html>
```

Registertest.java

package test2;

import org.openqa.selenium.*;
import org.openqa.selenium.chrome.ChromeDriver;

public class RegisterTest {
        public static void main(String args[]) throws InterruptedException {
                WebDriver driver = new ChromeDriver();
                String
url="File:///C:\\Users\\Swaroop\\Desktop\\EclipseWorkspace\\SeleniumSetup\\src\\main\\resources\\register.html";
                driver.get(url);

                driver.findElement(By.id("username")).sendKeys("Jhon");
                driver.findElement(By.name("new-password")).sendKeys("doe");
                driver.findElement(By.name("confirm-password")).sendKeys("doe");
                driver.findElement(By.xpath("/html/body/form/input[4]")).click();
                Alert alert2 = driver.switchTo().alert();
                System.out.println(alert2.getText());
                Thread.sleep(10000);
                alert2.accept();

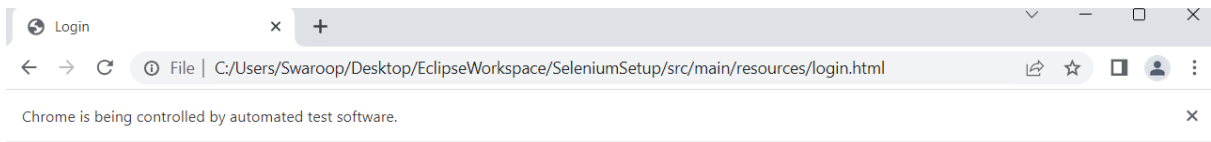   }
}

Register.html

```html
<!DOCTYPE html>
<html>
```

```html
<head>
<title>Register</title>
<script>
function register() {
var username = document.getElementById("username").value;
var newPassword = document.getElementById("new-password").value;
var confirmPassword = document.getElementById("confirm-password").value;
if (newPassword === confirmPassword) {
alert("Registration successful!");
} else {
alert("Passwords do not match.");
}
}
</script>
</head>
<body>
<h1>Register</h1>
<form>
<!-- Register form fields -->
<label for="username">Username:</label>
<input type="text" id="username" name="username" required><br><br>
<label for="new-password">New Password:</label>
<input type="password" id="new-password" name="new-password"
required><br><br>
<label for="confirm-password">Confirm Password:</label>
<input type="password" id="confirm-password" name="confirm-password"
required><br><br>
<input type="button" value="Register" onclick="register()">
</form>
</body>
</html>
```
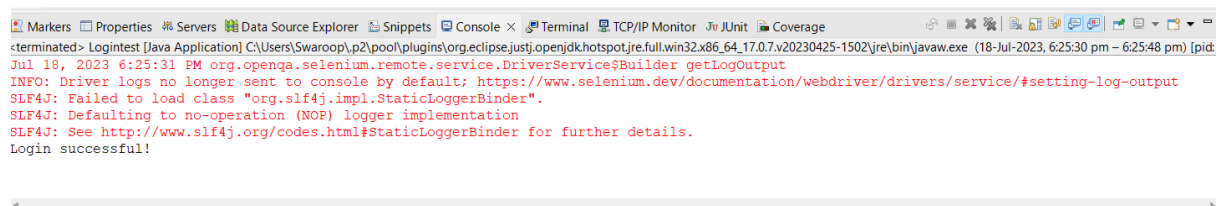
File | C:/Users/Swaroop/Desktop/EclipseWorkspace/SeleniumSetup/src/main/resources/login.html

Login

Username: admin

Password: •••••••

Login

Don't have an account? Register

File | C:/Users/Swaroop/Desktop/EclipseWorkspace/SeleniumSetup/src/main/resources/login.html

This page says

Login successful!

OK

ogin

ername: admin

ssword: •••••••

ogin

n't have an account? Register

Markers Properties Servers Data Source Explorer Snippets Console × Terminal TCP/IP Monitor JUnit Coverage

```
<terminated> Logintest [Java Application] C:\Users\Swaroop\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\javaw.exe  (18-Jul-2023, 6:25:30 pm – 6:25:48 pm) [pid:
Jul 18, 2023 6:25:31 PM org.openqa.selenium.remote.service.DriverService$Builder getLogOutput
INFO: Driver logs no longer sent to console by default; https://www.selenium.dev/documentation/webdriver/drivers/service/#setting-log-output
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Login successful!
```
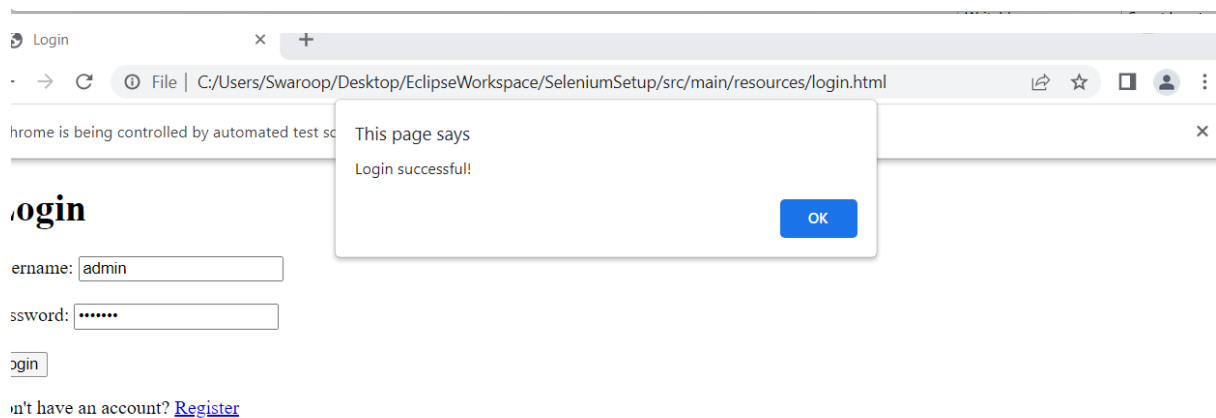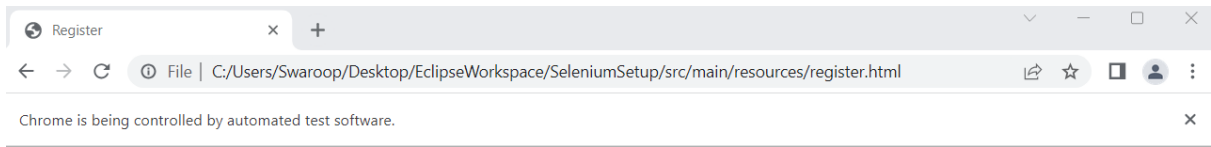
Register

Username: Jhon

New Password: •••

Confirm Password: •••

Register

This page says

Registration successful!

OK

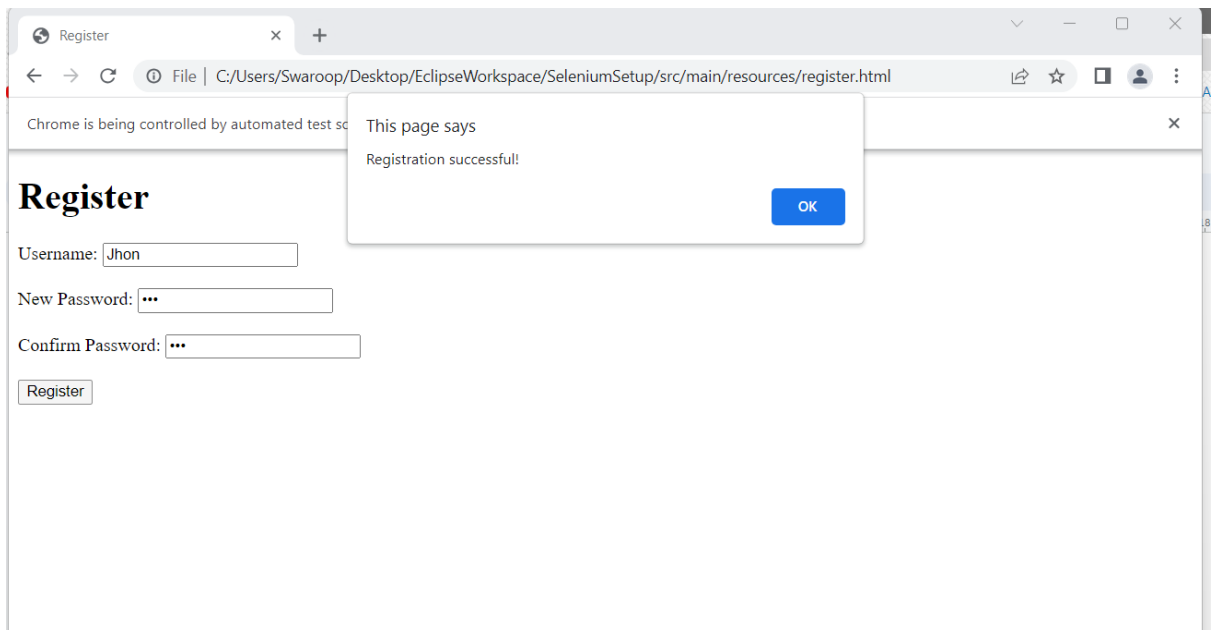# Register

Username: Jhon

New Password: •••

Confirm Password: •••

Register

Markers Properties Servers Data Source Explorer Snippets Console × Terminal TCP/IP Monitor JUnit Coverage

```
<terminated> RegisterTest [Java Application] C:\Users\Swaroop\.p2\pool\plugins\org.eclipse.justj.openjdk.hotspot.jre.full.win32.x86_64_17.0.7.v20230425-1502\jre\bin\javaw.exe  (18-Jul-2023, 6:43:32 pm – 6:43:4!
Jul 18, 2023 6:43:33 PM org.openqa.selenium.remote.service.DriverService$Builder getLogOutput
INFO: Driver logs no longer sent to console by default; https://www.selenium.dev/documentation/webdriver/drivers/service/#setting-log-outpu
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Registration successful!
```